CORRECTED VERSION

(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 28 April 2005 (28.04.2005)

PCT

(10) International Publication Number WO 2005/038143 A1

(51) International Patent Classification⁷:

E01F 7/04

(21) International Application Number:

PCT/IT2003/000653

- (22) International Filing Date: 22 October 2003 (22.10.2003)
- (25) Filing Language:

Italian

(26) Publication Language:

English

- (71) Applicant (for all designated States except US): OF-FICINE MACCAFERRI S.p.A. [IT/IT]; Via Agresti, 6, I-40123 Bologna (IT).
- (72) Inventor; and
- FERRAIOLO, (75) Inventor/Applicant (for US only): Francesco [IT/IT]; Via Gandolfi 58, I-40050 Ca' de' Fabbri (Bologna) (IT).
- (74) Agents: PROVVISIONATO, Paolo et al.; c/o Provvisionato & Co S.r.l., Piazza di Porta Mascarella, 7, I-40126 Bologna (IT).

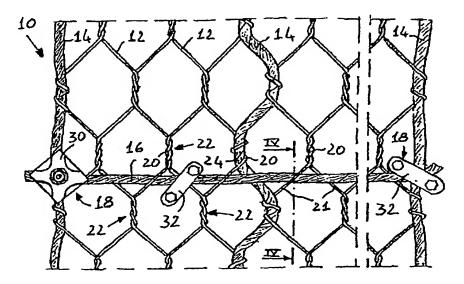
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES.

[Continued on next page]

(54) Title: A PROTECTIVE WIRE NET A PROTECTIVE STRUCTURE CONSTRUCTED WITH THE NET AND THE USE OF THE PROTECTIVE WIRE NET FOR THE CONSTRUCTION OF A PROTECTIVE STRUCTURE



(57) Abstract: A protective wire net comprises an array of longitudinal wires (12) arranged side by side and each intertwined with at least one respective adjacent longitudinal wire (12). Each of one or more longitudinal metal cables (14) is also intertwined with at least one adjacent longitudinal wire (12). One or more transverse wires (34) and/or metal cables (16) may also be provided, arranged in a transverse direction relative to the longitudinal wires (12) and outside intertwining regions (22) defined by portions (20) of adjacent longitudinal wires (12) which are bent around one another, the transverse wires (34) and/or metal cables (16) being intertwined or interlaced with one or more of the longitudinal wires (12).



WO 2005/038143 A1

FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NF, NT, TD, TG)

— of inventorship (Rule 4.17(iv)) for US only

Published:

- with international search report
- (48) Date of publication of this corrected version:
 23 June 2005
- (15) Information about Correction: see PCT Gazette No. 25/2005 of 23 June 2005, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.